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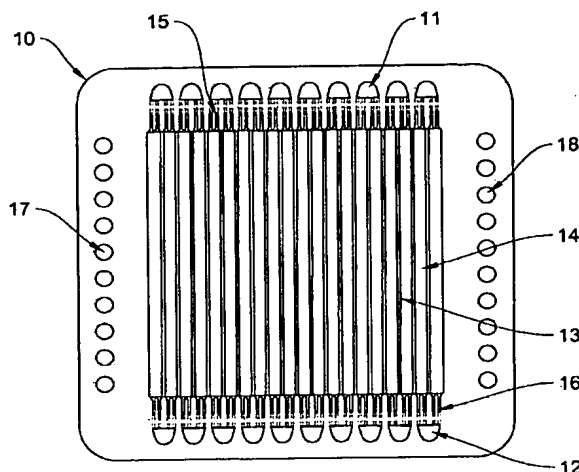
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(54) Title: **ELECTROPHORESIS MEMBRANE SUPPORT AND MANIFOLD UNIT**



(57) Abstract: An electrophoresis membrane support comprising a substantially planar member having four boundaries, an upper face and a lower face; an inlet port disposed near one boundary; an outlet port disposed opposite the inlet port near an opposite boundary; spacers positioned between the inlet port and outlet port adapted to support a membrane positioned on the upper face or on the lower face of the member; interstitial space disposed between the spacers capable of allowing flow of fluid therein; inlet means in fluid communication with the inlet port and the interstitial space; outlet in fluid communication with the interstitial space and the inlet port, the inlet and outlet means adapted to allow flow of fluid along the interstitial space; first flow port disposed near one boundary; and second flow port disposed opposite the first flow port near an opposite boundary, the first and second flow ports direct flow of fluid to or from the electrophoresis apparatus.

WO 2005/015194 A1